

ABSTRACT

An embedment device for use in a structural panel production line wherein a slurry is transported on a moving carrier relative to a support frame, and chopped fibers are deposited upon the slurry, includes a first elongate shaft secured to the support frame and having a first plurality of axially spaced disks, a second elongate shaft secured to the support frame and having a second plurality of axially spaced disks, the first shaft being disposed relative to the second shaft so that the disks intermesh with each other. The intermeshing relationship enhances embedment of the fibers into the slurry and also prevents clogging of the device by prematurely set slurry particles.